



Yavapai Signal

The Yavapai Amateur Radio Club – Prescott, Arizona – DM-34 – Volume 37 – No. 4 — April 2022

Upcoming Club Events				
Event	Date	Time	Place	Contact / Info:
General Meeting	April 7, 2022 Thursday	1900 MST 7 p.m.	Prescott Rodeo Grounds	Club Website
YARC Breakfast	April 21, 2022 Thursday	0800 MST 8 a.m.	Backburner Restaurant, Prescott Valley	Don WB7TPH or Jeff WB7RFY
Transmitter Hunt	April 9, 2022 Saturday	1300 MST 1 p.m.	OneAZ Credit Union parking lot, Gail Gardner Way & Willow Creek Rd., Prescott	Pete K6VVR or John WB9VGJ
General Meeting Program — See page 4.				
Public Service Events — See page 5.				
Amateur Radio License Testing — See page 4.				

YARC:	Badges	Patches	Shirts
Features:	Name & Call	Club Name & Logo	With or Without Name & Call
Contact Person(s):	Sam Prather K7SCP	Sam Prather K7SCP	Pete Morrison K6VVR
Cost:	\$13.00 each	\$6.00 each	Without Name & Call \$20.00 — With Name & Call \$24.00 each

Club Website Registration

In order to receive the Signal (the club's official newsletter), you must be a member of the club. Make sure your email is correct by logging into our website (www.w7yrc.org), then clicking on the member tab and viewing your profile.

Welcome to the Yavapai Amateur Radio Club

The Yavapai Amateur Radio Club (YARC) is an ARRL affiliate Special Service Club. The club participates in many activities in the quad-city (Prescott, Prescott Valley, Chino Valley, and Dewey-Humboldt) area by providing communications for local events, emergency communications, and promotion of the hobby throughout the community.

Membership in YARC is open to any interested amateur or non-amateur alike. Dues are \$20.00 per year (full-time students \$15). YARC general meetings are usually at 1900 MST (7 p.m.) on the first Thursday of every month at the Danny Freeman Building, Prescott Rodeo Grounds, 840 Rodeo Drive in Prescott

www.w7yrc.org

YAVAPAI AMATEUR RADIO CLUB – PO BOX 11994 – PRESCOTT AZ 86304-1994

Club Nets

Band	Mode	Frequency	PL	Day or Night	Time
2M 70cm	FM	146.880 MHz 447.650 MHz	- 100.0 Hz	Mon. through Fri.	1300 MST 1 p.m.
2M 70cm	FM	146.880 MHz 447.650 MHz	- 100.0 Hz	Wednesday	1900 MST 7 p.m.
6M	FM	52.060 MHz / I 52.560 MHz / O	- 100.0 Hz	Friday	1830 MST 6:30 p.m.
10M	SSB (USB)	28.444 MHz +/- QRM	N/A	Thursday	2000 MST 8 p.m.
2M 70cm	FM	146.880 MHz 447.650 MHz	- 100.0 Hz	Saturday	0900 MST 9 a.m.

Yavapai County ARES/RACES Nets

2M	FM	147.260 MHz	+103.5 Hz	Monday	1830 MST 6:30 p.m.
2M	FM	145.290 MHz	-127.3 Hz	Monday	1900 MST 7 p.m.

Submission Deadline for the Yavapai Signal

from editor Loren Singh, AE7CG

The usual deadline for submission of articles and photos to appear in the Yavapai Signal is the 18th calendar day of each month. That gives me time to edit and format submissions, and to have the newsletter available for distribution to the club membership by the 20th calendar day of each month. The aim is to have the newsletter in the hands of club members approximately 10 days or so before the holding of the general meetings on the first Thursday of each month.

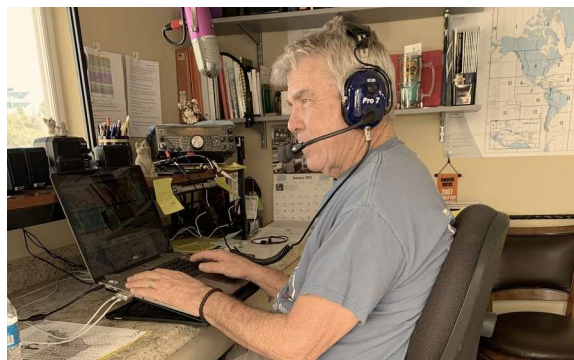
ae7cg@arrl.net

Share Your Surplus Items

Bring any ham related surplus items that you no longer need to the next club meeting. There will be a table at the meeting where your items can be placed. Let your fellow club member take those things that they want. The table will be available at each monthly meeting.

Canned Food Donations

Bring your non-perishable food items to the monthly club meetings and Terry Pemberton KB7TRE will take them to the local food bank. Give your bagged items to Terry.



From the President's Desk
by John Snedden, KT7P

O.K., Spring has sprung and this year the Spring equinox is right on top of the full worm moon and you could literally see the equal day and night with that worm moon setting as the sun was rising. Thank you, Mother Nature, you know how to do it right!

For us here in north central Arizona, April is the month we have to start thinking about that dreaded four letter word..... no, I don't mean work, I mean FIRE. Our lightweight winter means an earlier beginning to our fire season. Time to check your Ready Bag or Go Bag our Bug Out Kit that you keep in the hall closet, by the front door, or the one you have been thinking about putting together but haven't. Put it together now and avoid the running around in a circle syndrome when you get the "Get out now" loudspeaker call when the Jeep Posse folks are evacuating your neighborhood. You will have what you grab, but it probably won't be what you need.

For those who still have to work, commute, or spend time away from home on a regular basis, I would like you to think about having a "Get-Back Bag" in your car, truck, or RV. I surmise your eyes are rolling! A Get-Back Bag is a bag with stuff to help you get back or help you wait until you can get back to your home.

Think about leaving for work early in the morning (I am sorry) and making that drive to work, or that day trip to a hamfest (not sorry), or visit to the in-laws (sorry again), and as you get ready to return the news flash pops up with that E-word, Evacuation! Your neighborhood is being evacuated and that means you can leave it, but you can't get back in it! Sometimes it is only an hour or two of inconvenience but having lived in fire zones for over 45 years, I have experienced the two weeks away evacuations and then another two weeks with no infrastructure up and running upon return. Are you ready for that? As you walk out that door for day, give a thought about what would help you the most if you couldn't get back later that day, or the next day. Put that stuff in a bag, a box, your phone, the cloud, or another place that you can access if you need to and take it with you.

This is a great time to check out your property and clear out the ladder fuel that crept up your trees, your fence or wall, or close to your house. Trim up those low hanging branches and shrubs, drag all of it out to the curb line and call the Prescott Fire Chipping Crew at 928-777-1733. Get on the list and take advantage of having that crew come by and chip all of that fire fuel into the back of their truck and haul it away, no charge. A great community service for sure.

Stay safe, be healthy, be fire-wise and ready, and always be radio active!



Meeting Minutes

By decision of the board of directors, minutes of the board and general meeting minutes will no longer appear in the Yavapai Signal. They are posted online at the club's website.

www.w7yrc.org → [Members](#) → [Login](#) → [Reports](#)

|
→ [Board Minutes](#)
→ [Club Minutes](#)

Mentor Buddies — Revised April 7, 2021

Name	Call Sign	E-mail	Telephone
Don Bauer	WB7TPH	dbauer2250@aol.com	928.775.4690
Art Protas	KG6AY	kg6ay.dm34@gmail.com	928.227.2954
Jerry Warzeha	KØFC	jerry.warzeha@hotmail.com	612.205.3810
Bill Noe	WG7W	wg7w@arrl.net	928.710.6925
Mike Belanger	W1DGL	fix_broke_airplanes@hotmail.com	928.710.2565
Ron Purcell	KI7EVK	728rwp@gmail.com	707.849.7099
Jack Szelka	AI1K	radioaik@gmail.com	401.580.0330
Mike Reid	WU7V	mdr126@gmail.com	480.250.6093
Sandy Meadowcroft	KF4JHC	sandymeado2@yahoo.com	928.660.8323

Upcoming General Meeting Programs, 2022

by Mike Reid, WU7V

Month:

April
May
June

Program:

“ARRL Review: with Rick Paquette, W7RAP”
“ARES/RACES: What Is It?”
“ARRL Field Day: It Will Be a Fun Event”

Upcoming License Testing

by Don Bauer, WB7TPH

The next scheduled license test will be Saturday, April 2, 2022. The time will be 9:00 a.m. at the Jeep Posse Building. A few upcoming test dates are included below. The rest of the 2022 schedule is on the club website, or at ARRL.

The FCC application fee that we have been warning about will be coming soon. We still have not been given a date, but expect it within the next few months. So, save \$35 and get your license or upgrade before then.

A note to all our Technician licensees: Upgrading to General is not that difficult and it is very rewarding. We have mentors and classes to help. Try it, you'll like it!

Date	City	Location	Time	Sponsor	Contact	Walk-in
04/02/22	Prescott	Jeep Posse Building	9 a.m. 0900 MST	YARC	Don Bauer 928.775.4690	No
05/03/22	Prescott	Prescott Christian Church, 501 S. Senator Hwy	6 p.m. 1800 MST	ARRL Ham Exams	Jim Scherfling 928.632.2050	No
05/14/22	Prescott Valley	YARC Hamfest, Granville Elementary School	9 a.m. 0900 MST	YARC	Don Bauer 928.775.4690	No
06/04/22	Prescott	Jeep Posse Building	9 a.m. 0900 MST	YARC	Don Bauer 928.775.4690	No

Public Service Events — Spring 2022

The following are the public service events that YARC is supporting this spring. These events are in beautiful venues in the Prescott and Yarnell areas. If you are a new ham or inexperienced, we will team you up with someone experienced. If you have at least a two meter handheld transceiver, you are all set.

April 23, 2022 — Whiskey Basin Trail Run

This is a two day event, but we are currently only planning on supporting the April 23 date.
Contact Don Sears N7PLL (donsears@zoho.com).

April 29, 30 and May 1, 2022 — Whiskey Off road Bike Event

This is our premier public service event of the year and we need many volunteers to support it.
Contact Frank Bender K8FB (fhb47@hotmail.com).

May 7, 2022 — Groom Creek Mountain Mayhem

Contact Frank Bender K8FB (fhb47@hotmail.com).

June 4, 2022 — Yarnell Memorial Run

Contact Doug Jarmuth NØDAJ (n0daj1950@gmail.com).

July 2, 2022 — Prescott Rodeo Parade

Contact Frank Bender K8FB (fhb47@hotmail.com).

Volunteering for the Rodeo Parade or the Rodeo is a great way to give back to the Prescott Rodeo organization for letting us use the Freeman Building for our monthly meetings.

You can find the calendar of public service events on the YARC web site at <http://www.w7yrc.org/public-service-events/>. We look forward to your participation in the club's public service events in 2022.

Public Service Waiver Form, 2022

It is time to complete your Public Service Events Waiver Form for 2022. Go to <https://www.w7yrc.org/public-service-waiver-form/> to download, fill out, and complete the form that was created by Don Sears N7PLL. You do not have to sign the form. Once completed, email the form to Frank Bender K8FB (fhb47@hotmail.com). **Note:** This form is good for all of our public service events and only needs to be completed once for calendar year 2022.

Beta version of the 2022 No Nonsense Tech Study Guide now available for free download by Dan Romanchik, KB6NU

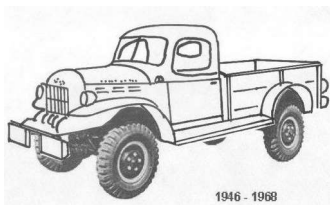
The [beta version of my 2022 No Nonsense Technician Class License Study Guide](#) is now available for download. I've made a few changes that I think might make the study guide even better:

1. Each question now includes all the false answers as well as the correct answer. The correct answer is bolded to make it easy to pick out.
2. I've improved some of the explanations.
3. I've added some terms to the glossary.

If you're interested at all, please download it and have a look. I'd love to get your comments. I'd especially like to know how you like the new question and answer format, and if there are any other terms that I should add to the glossary.

Thanks in advance!

<https://www.kb6nu.com/wp-content/uploads/2022/02/2022-no-nonsense-tech-study-guide-v0-1.pdf>





Thirteen Mile High students savor a milestone — they are now ‘ham’ radio operators

by Nanci Hutson — *Prescott Daily Courier*, March 6, 2022

Mile High Middle School is home to some true student “hams.” No, these are not class clowns. Rather these are serious “hams,” or more to the point, certified amateur radio operators able to communicate with a peer in a neighboring town, a video gamer in Japan or an astronaut aboard the International Space Station.

The Mile High Amateur Radio Club, supervised by industrial arts teacher and ham radio enthusiast Terry Pemberton (KB7TRE), is a group of seventh and eighth grade boys, and a few girls, 13 of them who just earned their federal ham radio licenses with classes taught by leaders of the Yavapai Amateur Radio Club. As a reward for finishing the classes to earn their license, a requirement to be an operator, the club was able to equip each with their own \$35 handheld radio in one of a variety of color schemes. The radios were donated through the World Genesis Foundation.

All of the students said they are eager to communicate in what some might think is old-fashioned technology, but actually is quite in-fashion, with “ham” radios often more reliable than the fanciest of cellphones. Student club member Owen Smith, a seventh-grader, said he is excited about amateur radio because it is known to be used for rescues and other emergencies where other communication equipment is spotty, or has failed. He has not yet completed his license, but is preparing to take the test. He said his church keeps a list of amateur radio operators able to assist with some of its various programs. “It’s so interesting,” Owen said of the hobby that is a fun way to enhance a person’s communication skills as one learns how to talk with all kinds of people in all kinds of places.

He and his fellow student amateur radio enthusiasts suggest that through their club they are forging “radio pals” as part of what for some may end up becoming a lifelong hobby. Seventh grader Milo Beary said he opted to get the license because he wants a chance to explore the world. Through these radios, Beary and his fellow Mile High club members can share culture and conversation with teens around the globe.

Yavapai Amateur Radio Club Past-President Kathy Laing (KJ6KMK), the lead class instructor and volunteer examiner, said she is delighted with the students’ enthusiasm and dedication to learn this unique brand of technology that can allow them to share interests with others or be a lifeline to someone in trouble. She jokes that she has relatives who in their teen years saw it as a pretty effective dating tool....

Pemberton, too, said he feeds off the students’ enthusiasm. A decades-long amateur radio operator who has a small station in the back of his classroom where students can test their skills on professional equipment, Pemberton said he likes that students are able to learn communication skills that they can apply to their everyday life. “They learn the basics of communication — and that means listening,” Pemberton said. “Everyone wants to talk today, but much of radio requires listening to what someone else wants to tell us.” He instructs the students to answer a question, and then to ask a question. “That’s the way they can get to know each other,” Pemberton said.

With amateur radio repeaters located in very remote places, Laing said there is a good chance if these students keep up their radio skills there will come a time when they might be of help to someone else. “Cells don’t work everywhere,” she reiterated....

Though it may be deemed a hobby, Laing and Pemberton and the students are clear that amateur radio comes with its own rules and responsibilities. Several students noted that amateur radio broadcasting promotes good citizenship.... Seventh grader Nicholas Phillips — radio call identification KK7DNK — said his friends don’t really understand his fascination, but he’s enjoying learning how to operate the radio. “It just takes patience,” Nicholas said.

The best part about amateur, or ham, radio to Laing is that it is a great equalizer. Amateur radio doesn’t care about people’s ages, genders, religion, politics, or country of origin, she said. Students, too, learn a new language rooted in amateur radio vocabulary. “It’s a big deal,” Laing said of both the students who earned their licenses and those studying to take the test. “They have just joined a very exclusive club.”



March 2022 Foxhunt
by John Broughton, WB9VGJ

The March foxhunt was held Sunday, March 6, 2022. Pete K6VVR, Gary K6JXM, Jerry KF7FPD, and Byron KK7BFL were the foxes.

There were three teams for this hunt:

1	Jeff WB7RFY, Keith KJ7GTX, and John WB9VGJ
2	Robert WA6FBA
3	Richard WB7NRM, Phil and Sharon (no calls)
4	Jack WK7J and XYL

The results of the hunt were:

Finish	Team	Time
1	2	35 min.
2	1	44 min.
DNF	3	—
DNF	4	—

The foxes hid the transmitters next to the ball field Ziegler Field in Kuebler Park across the street from Pioneer Park where the Yavapai County Jeep Posse building is. This hunt was not as challenging or frustrating as last month's hunt. Our readings on the signal from the primary transmitter were fairly consistent. I took about nine bearings with my SigTrax app and most were in the same general direction, albeit just a little west of the location, but close.

The antenna for the primary transmitter was a beam on a tall pole. It took a little time to notice it as it was behind a line of trees and bushes and stuck up above the bushes. We spent several minutes looking into a bush where we thought the transmitter was due to the signal strength. It always pays to look all around, up and down when close to the transmitter as often it is rather obvious and one misses it with tunnel vision.

Congratulations to WA6FBA on being the winner.

You can see pictures of the hiding site here:

<https://tinyurl.com/YARCfoxhuntMarch2022>

We went to the Prescott Junction restaurant for after-the-hunt socializing and telling of tall tales.

We invite anyone interested in foxhunting, especially anyone who has not done it before, to join us. Those new to the hobby can ride with an experienced hunter. We always have a good time, win, lose or draw.

T-Hunt Schedule, 2022
by Robert Reister, WA6FBA

XX
XX
XX

April 9 — Saturday
May 7 — Saturday
June 5 — Sunday

July 9 — Saturday
August 6 — Saturday
September 4 — Sunday
October 8 — Saturday
November 5 — Saturday
December 4 — Sunday

Breakfast and Lunch Gatherings

There are a number of breakfast and lunch gatherings in the area that are open to all radio amateurs and interested persons. Please let us know of any updates or corrections at info@w7yrc.org.

Third Thursday of the Month – **YARC** holds an informal **breakfast** gathering at the **BackBurner** Restaurant at 0800 MST (8 a.m.). The restaurant is at 8400 Long Mesa Drive in Prescott Valley. Contact Don Bauer WB7TPH or Jeff Hanna WB7RFY.

Second Tuesday of the Month – **Quarter Century Wireless Association (QCWA)** **brunch** gathering, 1030 MST to 1230 MST (10:30 a.m. to 1230 noon) at the **Golden Corral** Restaurant in Frontier Village in Prescott, off SR-69. You do not have to be a QCWA member to attend.

Every Monday – **Dan Nichols (W6SAK SK) Memorial Lunch**, starting at 1145 at roving locations.
Contact Bob Rosevear WB7RRQ, 928.458.7830 for more information.

Every Wednesday – Lunch – 1045 MST (10:45 a.m.) at **Costco** – “The Umbrella Club,” now without the umbrellas!

The DX Store

sales@dxstore.com

www.dxstore.com



Club Officers, 2022

Officer	Name	Call Sign	Email Address
President	John Snedden	KT7P	president@w7yrc.org
Vice President	Mike Reid	WU7V	vicepresident@w7yrc.org
Treasurer	Sam Prather	K7SCP	treasurer@w7yrc.org
Secretary	Tim Norton	K7PVY	secretary@w7yrc.org
Director	Jane Lurette	K7ZHF	goodtrails73@gmail.com
Director	Ron Levine	—	—
Director	Ray Kolman	KI7COM	spudzman@gmail.com
Director	Mike Schnell	NC7X	nc7x@w7yrc.org
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Editor	Loren Singh	AE7CG	ae7cg@arrl.net
Webmaster	Robert Reister	WA6FBA	webmaster@w7yrc.org

Yavapai Amateur Radio Club — W7YRC Club Station Access List — Effective March 1, 2022

Permanent Station Access (defined by YARC role) —

Name:	Call:	Lic. Class	Notes:	Telephone:
John Snedden	KT7P	E	YARC President	909.844.5108 – Do not contact for access
Frank Bender	K8FB	E	YCJP Bldg. Mgr.	928.379.5575 – Do not contact for access
Mike Belanger	W1DGL	E	Club Sta. Mgr.	928.771.2565 – OK to contact for access
Pete Morrison	K6VVR	E	W7YRC Trustee	928.899.8555 – Do not contact for access
Bud Semon	N7CW	E	ARES/RACES DEC	928.899.7400– Do not contact for access
Rob Redford	KG7LMI	G	ARES/RACES ED	623.252.3980– Do not contact for access
Jim Zimmerman	N6KZ	E	Elmer Group	928.713.0542 – OK to contact for access
Art Protas	KG6AY	E	Elmer Group	928.227.2954 – OK to contact for access
Doug Freeman	KV8TD	E	N7GMH Trustee	928.759.0958 – Do not contact for access

Building Access for Other Reasons (includes station access) —

Donald Bauer	WB7TPH	E	VE Chair	928.775.4690 – Do not contact for access
Kathy Laing	KJ6KMK	E	License Classes	928.778.2526 – Do not contact for access

Rotating Access (changes every July 1st) —

This category is limited and consists of volunteer members —

Jim Custer	WØHJ	E	Rotating Member	507.720.4053 – OK to contact for access
Tony Jackson	K6PSR	G	Rotating Member	562.644.0528 – OK to contact for access

Note to YARC Members —

For station access, first try to contact the Rotating Access members.
If you are not able to contact the Rotating Access members, then try to contact the other “OK to contact for access” members.

